

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59	(US-20060192954-\$ or US-20020029610-\$ or US-20020044347-\$ or US-20030137646-\$ or US-20030128348-\$ or US-20020130262-\$ or US-20010007312-\$ or US-20010038447-\$).did. or (US-4906098-\$ or US-5753905-\$ or US-5926268-\$ or US-5926556-\$ or US-4465937-\$ or US-5610391-\$ or US-4676648-\$ or US-3791741-\$ or US-3765774-\$ or US-4863275-\$ or US-4627734-\$ or US-5524131-\$ or US-5534071-\$ or US-4972258-\$ or US-5771093-\$ or US-5336760-\$ or US-7146248-\$ or US-6223604-\$ or US-6086283-\$ or US-6024526-\$ or US-6004016-\$ or US-5931098-\$ or US-5428446-\$ or US-5388935-\$ or US-4166323-\$ or US-6741529-\$).did. or (US-5951891-\$ or US-5131166-\$ or US-5758429-\$ or US-5553388-\$ or US-4326808-\$ or US-4122525-\$ or US-3566135-\$ or US-6989890-\$ or US-6094263-\$ or US-5898169-\$ or US-5489987-\$ or US-4459487-\$ or US-4298285-\$ or US-4778274-\$ or US-7010863-\$ or US-5345309-\$ or US-4437985-\$ or US-7177018-\$ or US-6822745-\$ or US-6643004-\$ or US-5291272-\$ or US-4891526-\$).did. or (US-3588249-\$ or US-3198135-\$).did. or (WO-2004086573-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/04/02 10:58
L2	39	1 and ((laser or electromagnetic) same (beam or light))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:47
L3	14	2 and wavelength	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 11:47
L4	1	("2003/0128348").URPN.	USPAT	OR	OFF	2007/04/02 11:45

# EAST Search History

L9	320	("2432432"   "3310792"   "3518442"   "3530258"   "3536375"   "3637984"   "3652167"   "3677621"   "3806668"   "3931641"   "3935570"   "3997715"   "4059841"   "4118735"   "4120504"   "4160156"   "4161753"   "4190860"   "4204199"   "4210931"   "4222072"   "4225873"   "4228326"   "4232201"   "4232337"   "4232388"   "4234837"   "4236050"   "4236105"   "4271334"   "4282598"   "4307381"   "4313191"   "4358796"   "4370679"   "4371899"   "4375091"   "4406000"   "4414655"   "4426043"   "4439848"   "4447722"   "4449213"   "4451913"   "4455634"   "4456914"   "4465977"   "4466034"   "4467467"   "4488279"   "4497534"   "4499569"   "4502783"   "4504935"   "4514837"   "4524444"   "4536863"   "4542429"   "4554653"   "4561081"   "4562577"   "4568142"   "4571026"   "4571716"   "4583210"   "4592037"   "4596444"   "4596448"   "4598324"   "4603363"   "4603412"   "4607913"   "4611318"   "4616355"   "4623837"   "4627038"   "4633471"   "4638377"   "4643522"   "4644516"   "4646283"   "4669073"   "4677605"   "4679904"   "4682246"   "4688204"   "4694447"   "4696566"   "4697167"   "4701898"   "4702555"   "4703368"   "4703467"   "4703470"   "4706133"   "4720088"   "4727433"   "4727532"   "4730065"   "4740941"   "4740946"   "4746991"   "4751692"   "4752954"   "4755884"   "4757393"   "4759005"   "4763314"   "4764915"   "4766583"   "4769803"   "4774699"   "4786999"   "4791622"   "4792875"   "4794586"   "4797763"   "4805162"   "4809247"   "4811320"   "4815063"   "4823336"   "4825432"   "4829395"   "4842392"). PN. OR ("4845697"   "4845699"   "4849952"   "4853811"   "4864444"   "4866687"   "4868694"   "4870703"   "4878211"   "4882644"   "4891798"   "4912583"   "4942563"   "4942564"   "4945526"   "4948230"   "4953959"   "4960321"   "4974222"   "4979158"   "4980787"   "4988165"   "4998011"   "5001568"   "5003524"   "5003526"   "5004901"   "5010538"   "5018126"   "5020045"   "5025335"   "5044729"   "5060215"   "5077719"   "5079757"   "5084852"   "5097458"   "5103438"   "5124967"   "5124971"   "5126983"   "5126990"   "5128911"   "5130854"   "5136558"   "5136560"   "5138605"   "5146443"   "5150343"   "5155633"   "5155716"   "5165088"   "5175716"   "5175719"   "5177640"   "5177717"   "5187627"   "5187702"   "5188653"   "5189649"   "5191570"   "5200935"   "5208703"   "5216647"   "5218587"   "5218588"   "5220543"   "5241524"   "5245174"   "5253244"   "5262613"   "5266079"   "5268800"   "5287334"   "5291110"   "5291467"   "5295124"   "5297125"   "5305299"   "5309419"   "5309424"   "5311497"   "5313332"   "5315570"   "5317143"   "5317552"   "5319624"   "5321680"   "5325247"   "5329503"   "5329512"   "5331423"   "5331622"   "5335213"   "5341357"   "5345433"   "5347500"   "5349175"   "5349349"   "5350917"   "5353270"   "5355121"   "5359579"   "5361175"   "5361242"   "5361247"   "5363352"   "5365389"   "5367509"   "5373490"   "5375116"   "5379119"   "5379282"   "5384761"   "5398222"   "5404342"   "5410523"   "5412522"   "5418762"   "5426629"   "5428583"   "5436877"   "5448537"   "5448538"   "5448545").PN. OR ("5450381"   "5453607"   "5453964"   "5453966"   "5455728"   "5459624"   "5463602"   "5465241"   "5467336"   "5468593"   "5469414"   "5469416"   "5471442"   "5471447"   "5471449"   "5475664"   "5479387"   "5479390"   "5485445"   "5486437"   "5487047"   "5488590"   "5490127"   "5493546"   "5493547"   "5495455"   "5495456"   "5495465"   "5500771"   "5502700"   "5502701"   "5506830"   "5508989"   "5511049"   "5513158"   "5513161"   "5513162"   "5513167"   "5515348"   "5517481"   "5523987"   "5523988"   "5523994"   "5528571"   "5528575"   "5532989"   "5533003"   "5535059"   "5537374"   "5539716"   "5541899"   "5546367"   "5550797"   "5576909"   "5729511"   "6091684"   "RE32051"   "RE32431"   "RE32574"   "RE32709").PN. OR ("6741529").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 11:47
L10	214	9 and ((laser or electromagnetic) same (beam or light))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 11:47

## EAST Search History

L11	7	10 and (wavelength and profile)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:33
L12	33	10 and (vertical same rotat\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:47
L13	46	("3765774"   "3791741"   "3796492"   "3858983"   "3895870"   "3905705"   "3918816"   "3961838"   "4007992"   "4037968"   "4043673"   "4064534"   "4074938"   "4082463"   "4097158"   "4170417"   "4373817"   "4395119"   "4437985"   "4465937"   "4625107"   "4644151"   "4657395"   "4676648").PN. OR ("4906098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 12:33
L14	10	13 and (measur\$4 and (platform or stage) and (signal or beam) and profile)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:34
L15	4	10 and (measur\$4 and (platform or stage) and (signal or beam) and profile)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:34
L16	2	14 and (vertical same rotat\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:35
L17	3	15 and (vertical same rotat\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:35
L18	37	("2982028"   "3099883"   "3122839"   "3605909"   "3631603"   "3639993"   "3675331"   "3741659").PN. OR ("4166323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 12:46
L19	14	18 and (vertical same rotat\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:47
L20	1	19 and ((laser or electromagnetic) same (beam or light))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/02 12:47
L21	21	("3279079"   "3594908"   "3823482"   "3831283"   "3840993"   "4166323"   "4307514"   "4383369"   "4450628"   "4976043"   "5068972"   "5097423"   "5097602"   "5505003"   "5778549"   "5917181"   "6604295"   "6758085"   "6804896"   "6931751").PN. OR ("7107695").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 13:24
L22	13	("4942671"   "5018280"   "5208993"   "5315374"   "5455677"   "5459939"   "5530549"   "5616916"   "5659969").PN. OR ("5917181").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 13:33
L23	8	("2897722"   "4212537"   "4488277"   "4766585").PN. OR ("5315374").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 13:53
L24	166	((electromagnetic with (beam or light)) and (((vertical or up or ward) same rotat\$4)) same (platform or stage) and (measur\$4 with (profile or object)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:05

## EAST Search History

L25	12	"3996332"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:10
L26	13	"4676650"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:12
L27	18	"5523560"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13
L28	21	"3094213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13
L29	2	"3996332".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:11
L30	0	"3996332".app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:10
L31	0	"3996332".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:10
L32	2	"3966332".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:11
L33	2	"4676650".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13

## EAST Search History

L34	0	"5523560.pn"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13
L35	4	"3094213".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13
L36	2	"5523560".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13
L37	27	("2132447"   "2323636"   "3029349"   "3292785"   "3576442"   "3627423"   "3639067"   "3777169").PN. OR ("3966332").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 15:16
L38	14	("3566135"   "4064534"   "4122525").PN. OR ("4298285").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 15:44
L39	58	(US-20060192954-\$ or US-20020029610-\$ or US-20020044347-\$ or US-20030137646-\$ or US-20030128348-\$ or US-20020130262-\$ or US-20010007312-\$ or US-20010038447-\$).did. or (US-4906098-\$ or US-5753905-\$ or US-5926268-\$ or US-5926556-\$ or US-5610391-\$ or US-4676648-\$ or US-3765774-\$ or US-4627734-\$ or US-5534071-\$ or US-4972258-\$ or US-5771093-\$ or US-5336760-\$ or US-7146248-\$ or US-6223604-\$ or US-6086283-\$ or US-6024526-\$ or US-6004016-\$ or US-5428446-\$ or US-5388935-\$ or US-6741529-\$ or US-5951891-\$ or US-5131166-\$ or US-5758429-\$ or US-5553388-\$ or US-4326808-\$ or US-6989890-\$).did. or (US-6094263-\$ or US-5898169-\$ or US-5489987-\$ or US-4459487-\$ or US-4298285-\$ or US-4778274-\$ or US-7010863-\$ or US-5345309-\$ or US-4437985-\$ or US-7177018-\$ or US-6822745-\$ or US-6643004-\$ or US-5291272-\$ or US-4891526-\$ or US-6938352-\$ or US-5505003-\$ or US-5917181-\$ or US-5315374-\$ or US-6758085-\$ or US-5523560-\$ or US-3627423-\$ or US-5694221-\$ or US-3566135-\$).did. or (WO-2004086573-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/02 17:01
L40	24	39 and ((visible with light) or (nm or nanometers) or (electromagnetic with (light or beam or wave)))	US-PGPUB; USPAT; EPO	OR	ON	2007/04/02 17:01
S1	1	"10550521"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:24
S2	2	"4298285".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:24

## EAST Search History

S3	2	"4465937".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:42
S4	2	"4863275".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:26
S5	2	"4906098".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:26
S6	2	"5753905".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:26
S7	2	semersky-frank.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:25
S8	46	semersky-frank-e.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:26
S9	0	S8 and (electromagnetic and rotat\$4 and process\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 14:51
S10	0	S8 and (electromagnetic and rotat\$4 and vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:32
S11	138	356/240.1, "612".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:42

## EAST Search History

S12	254	356/240.1,612.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:48
S13	135	356/240.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 08:42
S15	95	S12 and ((laser or (visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:29
S16	968007	((laser or (visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 13:55
S17	1	S12 and ((laser and (visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:02
S18	9	((laser and (visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:02
S19	46	("3765774"   "3791741"   "3796492"   "3858983"   "3895870"   "3905705"   "3918816"   "3961838"   "4007992"   "4037968"   "4043673"   "4064534"   "4074938"   "4082463"   "4097158"   "4170417"   "4373817"   "4395119"   "4437985"   "4465937"   "4625107"   "4644151"   "4657395"   "4676648").PN. OR ("4906098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 09:28
S20	0	S19 and ((laser and (visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:29
S21	0	S19 and (((visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:30

## EAST Search History

S22	0	S19 and (((nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:30
S23	2	S19 and (((nanometers or nm)) and (drive and vertical and rotat\$4 and ((linear or drive))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:30
S24	2473	((electromagnetic and (nm or nanometers or laser)) and (measur\$4 same (profile or container or bottle or object)) and (vertical and rotat\$4 and process\$4 same (drive or signal or (linear with screw with drive))) and ((stage or platform or support)) and (indexing or plurality))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:45
S25	41	S24 and (zero with reference with point and (perpendicular\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:07
S26	158	S24 and (visible with red with light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:32
S27	3	S25 and ((electromagnetic same (nm or nanometers or laser)) same (measur\$4 same (profile or container or bottle or object)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:14
S28	6	S25 and ((electromagnetic and (nm or nanometers or laser)) same (measur\$4 same (profile or container or bottle or object)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 13:53
S29	1540	S24 and (object not vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:45
S30	24	(US-20060192954-\$ or US-20020044347-\$ or US-20030137646-\$).did. or (US-5753905-\$ or US-4863275-\$ or US-4906098-\$ or US-4465937-\$ or US-4298285-\$ or US-3765774-\$ or US-5926268-\$ or US-3791741-\$ or US-4437985-\$ or US-4676648-\$ or US-5610391-\$ or US-5898169-\$ or US-5926556-\$ or US-7010863-\$ or US-6094263-\$ or US-4459487-\$ or US-4778274-\$ or US-5489987-\$ or US-4627734-\$ or US-7177018-\$).did. or (WO-2004086573-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/30 14:39



## EAST Search History

S31	3	S30 and (electromagnetic and rotat\$4 and (laser or (nm or nanometer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:47
S32	2473	((electromagnetic and (nm or nanometers or laser)) and (measur\$4 same (profile or container or bottle or object)) and (vertical and rotat\$4 and process\$4 same (drive or signal or (linear with screw with drive))) and ((stage or platform or support)) and (indexing or plurality))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:30
S33	51	S32 and (((nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:52
S34	657	((laser and (visible with red or (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear or drive))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:31
S35	185	S34 and ((drive and rotat\$4) same vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:33
S36	24	"5336760"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:52
S37	7	S36 and (vertical and electromagnetic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 15:52
S38	1	("2003/0128348").URPN.	USPAT	OR	OFF	2007/03/30 16:11
S39	32	S35 and ((visible with red with light) or (semiconduct\$4 with laser))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:35
S40	56	("2079621"   "3013467"   "3517980"   "3705755"   "4360269"   "4449046"   "4466088"   "4556964"   "4587420"   "4604523"   "4733063"   "4812748"   "4827125"   "4902963"   "4902966").PN. OR ("4972258").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 16:39

## EAST Search History

S41	9	S40 and (electromagnetic and rotat\$4 and (laser or (nm or nanometer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:47
S42	120	356/612.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:47
S43	3	S42 and (electromagnetic and rotat\$4 and (laser or (nm or nanometer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:47
S44	4	356/240.1,612.ccls. and (electromagnetic and rotat\$4 and (laser or (nm or nanometer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:49
S45	1540	S32 and (object not vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:49
S46	1540	S45 and (electromagnetic and rotat\$4 and (laser or (nm or nanometer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:49
S47	19	"L29" and (electromagnetic and rotat\$4 and (laser or (nm or nanometer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 16:49
S48	14	("4360184"   "4402482"   "4645171"   "4690507"   "4735089"   "4972258"   "5061541"   "5154963"   "5402734"   "5433302"   "5460865"   "5500269"   "5517857").PN. OR ("5771093").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/31 13:11
S49	138	((electromagnetic or semiconducting or (visible near red)) same (laser and profile and (platform or mount or support or table)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:32

## EAST Search History

S50	12	S49 and (process\$4 and drive and automatic\$4 and position\$4 and vertical and rotation\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:19
S51	15483	((electromagnetic or semiconducting or (visible near red)) and (laser and profile and (platform or mount or support or table)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 13:19
S52	329	S51 and (process\$4 and drive and automatic\$4 and position\$4 and (vertical with rotation\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 14:11
S53	18	("3750295"   "4166323"   "4766674"   "4888877").PN. OR ("5131166").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/31 13:35
S54	1	("2002/0029610").URPN.	USPAT	OR	OFF	2007/03/31 13:44
S55	1	("2002/0029610").URPN.	USPAT	OR	OFF	2007/03/31 13:45
S56	29	("20020010465"   "20020029610"   "20020117017"   "20030106230"   "4536690"   "4753569"   "5388935"   "5428446"   "5797191"   "5813287"   "5901936"   "5909939"   "5931098"   "6004016"   "6024526"   "6086283"   "6099217"   "6145405"   "6155758"   "6223604"   "6241437"   "6336375"   "6354168"   "6497548"   "6503033"   "6587802"   "6602042").PN. OR ("6741912").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/31 13:45
S57	0	S51 and (drive and automatic\$4 and position\$4 and ((vertical with rotation\$4) near (platform or stage)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/31 14:12
S58	52	(US-20060192954-\$ or US-20030137646-\$ or US-20020044347-\$ or US-20030128348-\$ or US-20010007312-\$ or US-20010038447-\$ or US-20020029610-\$ or US-20020130262-\$).did. or (US-5926556-\$ or US-7177018-\$ or US-7010863-\$ or US-6094263-\$ or US-5610391-\$ or US-5926268-\$ or US-5898169-\$ or US-5753905-\$ or US-4778274-\$ or US-5489987-\$ or US-4906098-\$ or US-4863275-\$ or US-4676648-\$ or US-4627734-\$ or US-4465937-\$ or US-3765774-\$ or US-4459487-\$ or US-4437985-\$ or US-4298285-\$ or US-3791741-\$ or US-6989890-\$ or US-5336760-\$ or US-5771093-\$ or US-5524131-\$ or US-5534071-\$ or US-4972258-\$).did. or (US-5131166-\$ or US-4166323-\$ or US-5553388-\$ or US-5758429-\$ or US-5951891-\$ or US-5974007-\$ or US-5388935-\$ or US-5428446-\$ or US-5931098-\$ or US-6004016-\$ or US-6024526-\$ or US-6086283-\$ or US-6223604-\$ or US-7146248-\$ or US-6643004-\$ or US-6741529-\$ or US-6822745-\$).did. or (WO-2004086573-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/31 14:19
S59	24	S58 and (electromagnetic or semiconducting or ((visible or red) with light) same (laser or light))	US-PGPUB; USPAT; EPO	OR	ON	2007/03/31 14:24

## EAST Search History

S60	19	S58 and (electromagnetic or semiconducting or (visible or red) with light same (nm or nanometers))	US-PGPUB; USPAT; EPO	OR	ON	2007/03/31 14:25
S61	1	S58 and (electromagnetic or semiconducting or (visible or red)) with (light same (nm or nanometers))	US-PGPUB; USPAT; EPO	OR	ON	2007/03/31 14:25
S62	3	S58 and (electromagnetic or semiconducting or (visible or red)) same(light same (nm or nanometers))	US-PGPUB; USPAT; EPO	OR	ON	2007/03/31 14:25
S63	5	S58 and (electromagnetic or semiconducting or (visible or red)) same (light and (nm or nanometers))	US-PGPUB; USPAT; EPO	OR	ON	2007/03/31 14:25
S64	14	("3566135"   "4064534"   "4122525").PN. OR ("4298285").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/01 13:35
S65	44	("1557341"   "1697058"   "1990138"   "2616068"   "3666885"   "3769713"   "4162126"   "4226539"   "4298285"   "4326808"   "4410278"   "4464840"   "4465937"   "4473951"   "4476533"   "4576482"   "4629319"   "4675730"   "4798002"   "4862596"   "4863275"   "4872757"   "4906098"   "4941269"   "5048341"   "5154003").PN. OR ("5345309").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/01 13:52
S66	0	S65 and ((electromagnetic and (nm or nanometers or laser)) same (measur\$4 same (profile or container or bottle or object)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 13:53
S67	0	S65 and ((electromagnetic and (nm or nanometers or laser)) and (measur\$4 same (profile or container or bottle or object)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 13:53
S68	3	S65 and ((electromagnetic and (nm or nanometers or laser)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 13:53
S69	1	((laser and electromagnetic same (visible with red same (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear same drive))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 13:56
S70	37	((laser and electromagnetic and (nanometers or nm)) and (drive and vertical and rotat\$4 and (screw with (linear same drive))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 14:01

## EAST Search History

S71	56	(US-20060192954-\$ or US-20030137646-\$ or US-20030128348-\$ or US-20020044347-\$ or US-20010007312-\$ or US-20020029610-\$ or US-20020130262-\$ or US-20010038447-\$).did. or (US-4972258-\$ or US-7177018-\$ or US-7146248-\$ or US-6223604-\$ or US-6086283-\$ or US-6989890-\$ or US-6094263-\$ or US-6004016-\$ or US-5931098-\$ or US-5428446-\$ or US-5388935-\$ or US-6741529-\$ or US-6643004-\$ or US-6822745-\$ or US-5951891-\$ or US-5131166-\$ or US-5758429-\$ or US-5974007-\$ or US-5553388-\$ or US-4166323-\$ or US-6024526-\$ or US-5336760-\$ or US-4906098-\$ or US-4778274-\$ or US-4676648-\$ or US-4627734-\$).did. or (US-4465937-\$ or US-4459487-\$ or US-4437985-\$ or US-4298285-\$ or US-3791741-\$ or US-3765774-\$ or US-5926556-\$ or US-5898169-\$ or US-5771093-\$ or US-5610391-\$ or US-5534071-\$ or US-5524131-\$ or US-5489987-\$ or US-7010863-\$ or US-5926268-\$ or US-5753905-\$ or US-4863275-\$ or US-3566135-\$ or US-4122525-\$ or US-4326808-\$ or US-5345309-\$).did. or (WO-2004086573-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/01 14:01
S72	13	S71 and (laser and electromagnetic and (nanometers or nm or visible))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 15:59
S73	11	S72 and (drive and vertical and rotat\$4 and process\$4 and (detect\$4 or receiv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 14:03
S74	0	("2001/0038447").URPN.	USPAT	OR	OFF	2007/04/01 14:09
S75	254	356/240.1,612.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 14:56
S76	5	S75 and (laser and electromagnetic and (nanometers or nm or visible))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 14:44
S77	100	S75 and (laser or electromagnetic same (light or source))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:19
S78	0	S77 and (rotatat\$4 with vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 15:01

## EAST Search History

S79	20	S77 and (rotat\$4 with vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 15:18
S80	46	("3765774"   "3791741"   "3796492"   "3858983"   "3895870"   "3905705"   "3918816"   "3961838"   "4007992"   "4037968"   "4043673"   "4064534"   "4074938"   "4082463"   "4097158"   "4170417"   "4373817"   "4395119"   "4437985"   "4465937"   "4625107"   "4644151"   "4657395"   "4676648").PN. OR ("4906098").JRP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/01 15:09
S81	41	("4064534"   "4230219"   "4376951"   "4378493"   "4386828"   "4492476"   "4526443"   "4701612"   "4725856"   "4786801"   "4792695"   "4906098"   "4958223"   "5008743").PN. OR ("5610391").JRP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/01 15:17
S82	36	S81 and (rotat\$4 samne vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 15:18
S83	45	S80 and (rotat\$4 samne vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 15:18
S84	2	S82 and ((verical or rotat\$4) with (platform or stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 15:20
S85	1	S83 and ((verical or rotat\$4) with (platform or stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:11
S86	55	(US-20060192954-\$ or US-20030137646-\$ or US-20030128348-\$ or US-20020044347-\$ or US-20010007312-\$ or US-20020029610-\$ or US-20020130262-\$ or US-20010038447-\$).did. or (US-4972258-\$ or US-7177018-\$ or US-7146248-\$ or US-6223604-\$ or US-6086283-\$ or US-6989890-\$ or US-6094263-\$ or US-6004016-\$ or US-5931098-\$ or US-5428446-\$ or US-5388935-\$ or US-6741529-\$ or US-6643004-\$ or US-6822745-\$ or US-5951891-\$ or US-5131166-\$ or US-5758429-\$ or US-5553388-\$ or US-4166323-\$ or US-6024526-\$ or US-5336760-\$ or US-4906098-\$ or US-4778274-\$ or US-4676648-\$ or US-4627734-\$ or US-4465937-\$).did. or (US-4459487-\$ or US-4437985-\$ or US-4298285-\$ or US-3791741-\$ or US-3765774-\$ or US-5926556-\$ or US-5898169-\$ or US-5771093-\$ or US-5610391-\$ or US-5534071-\$ or US-5524131-\$ or US-5489987-\$ or US-7010863-\$ or US-5926268-\$ or US-5753905-\$ or US-4863275-\$ or US-3566135-\$ or US-4122525-\$ or US-4326808-\$ or US-5345309-\$).did. or (WO-2004086573-\$). did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/04/01 16:11

## EAST Search History

S87	17	S86 and (vertical with rotat\$4)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:00
S88	15	S87 and (laser or electromagnetic)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:12
S89	589	356/601.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:11
S90	101	S89 and ((verical or rotat\$4 or up) with (platform or stage or support or holder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:15
S91	75	S90 and (laser or electromagnetic)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:16
S92	0	S89 and ((verical and rotat\$4) with (platform or stage or support or holder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:15
S93	1	S89 and ((verical and rotat\$4) same (platform or stage or support or holder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:16
S94	540	((verical and rotat\$4) same (platform or stage or support or holder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:16
S95	0	S94 and ((laser and electromagnetic) and (nanometers or nm))	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:17
S96	1	S94 and ((laser or electromagnetic with (beam or light)) and (nanometers or nm))	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:18
S97	0	S94 and (electromagnetic and beam and drive)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:18
S98	1	S94 and (electromagnetic and drive)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:18
S99	1	S94 and electromagnetic	US-PGPUB; USPAT; EPO	OR	ON	2007/04/01 16:18
S100	12	S94 and (laser or electromagnetic same (light or source))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 16:19

## EAST Search History

S10 1	32	("3511551"   "3592545"   "3687556").PN. OR ("3765774").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 08:08
S10 2	12	S101 and (rotat\$4 and vertical and (electromagnetic or laser))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 08:31
S10 3	26921	((rotat\$4 with vertical) and (electromagnetic or laser))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 08:31
S10 4	2137	S103 and ((rotat\$4 with vertical) same (platform or stage))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 08:32
S10 5	0	S104 and ((semiconducting or (visible near red) or (nanometers)) same (laser and profile and (platform or mount or support or table)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:33
S10 6	345	S104 and (measur\$4 with (profile or shape or object))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:34
S10 7	164	S106 and (nanometers or nm or wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:43
S10 8	66	S107 and (vertical and rotat\$3 and electromagnetic and (detect\$4 or receiv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:45
S10 9	152	S107 and (vertical and rotat\$3 and (laser or electromagnetic) and (detect\$4 or receiv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:10
S11 0	53	("3648048"   "3791739"   "3838274"   "4170418"   "4203064"   "4218136"   "4516029"   "4528490"   "4585337"   "4627009"   "4676649").PN. OR ("4891526").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 09:10
S11 1	20	S110 and (vertical and rotat\$3 and (laser or electromagnetic) and (detect\$4 or receiv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:10